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# VARIETY OF GERANIUM PLANT NAMED 'PENSYB'

## VARIETAL DENOMINATION

'Pensyb'

## BACKGROUND OF THE INVENTION

The present invention comprises a new and distinct cultivar of *Pelargonium peltatum* known by the varietal name 'Pensyb'. The new variety was discovered in 1995 in a selective breeding program in Dresden, Germany. The new variety is the result of [cross breeding of a group of about 50 seedlings having double dark red colored flowers via embryo rescue] a cross between two unnamed, unpatented selections from breeding group 4K-57-35-II. The new variety was first asexually reproduced by cuttings in Dresden, Germany in 1995. The new variety has been trial and field tested and has been found to retain its distinctive characteristics and remain true to type through successive propagations. The new variety differs from its heritage in having clear rosebud-type red colored flowers and more compact growth.

## DESCRIPTION OF THE DRAWING

The accompanying photographic drawing illustrates the new variety, with the color being as nearly true as is possible with color illustrations of this type.

## DESCRIPTION OF THE PLANT

The following detailed description sets forth the characteristics of the new cultivar. The data which defines these characteristics were collected by asexual reproductions carried out in Dresden, Germany. Observations were made when the plants were 9 months old, grown in 45 cm diameter baskets. The color readings were taken outdoors in shadow during summer. Color references are primarily to the R.H.S. Colour Chart of The Royal Horticultural Society of London.

## PLANT

### Classification:

Botanical: *Pelargonium peltatum*.

Commercial: Zonal geranium.

Form: Hanging.

Height from media surface to top of foliage: 25-40 cm.

Height from media surface to top of umbel: 25-40 cm.

Width (spread): 35 cm.

Growth: High degree of branching.

Strength: Does not require artificial support.

Response time: 4 weeks.

Leaves:

Size[:] 4-5 cm long; 5-6 cm wide.

Shape:

Overall: Ivy-shaped.

Base: [Overlapped] Cordate.

Apex: Pointed.

Margin: [Emarginated] Entire.

Texture: Pubescent.

Color:

Upper surface: [Green Group] 136B with a 146A zone.

Lower surface: [Green Group] 138B.

Ribs and veins:

Venation: Net-like.

Color: [Brighter than leaf surface] 146B.

Petioles:

Color: [Medium green] 146B.

Length: 2-3 cm.

Diameter: 2.0-3.0 mm.

Stem/branches:

Color: [Medium green] 147B.

Internode length: 1-2 cm.

Lateral branch length: 10-15 cm.

#### THE BUD

Shape when just showing color:

Overall: Spherical.

Individual bud: Elliptical.

Color: Green Group 138A.

Size when just showing color:

Umbel: 5-6 cm across.

Individual bud: 0.7 long; 0.7-1 cm wide.

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## INFLORESCENCE

- Quantity per plant: 60-70 per season.
- Blooming habit: Double; early flowering; flowers during frost free season.
- Borne: [Flowers on umbel; umbel on pedicel; pedicel on peduncle] Umbel; flowers on pedicel; pedicel on peduncle.
- Umbel: 6-8 cm across; 3-4 cm deep.
- Flowers:
- Number of flowers: 7-9.
  - Form: Round.
  - Number of petals: 17-20.
  - Size: 3-3.5 cm across; 1-1.5 cm deep.
  - Petals:
    - Size: 1.5 cm long; 1 cm long.
    - Color:
      - Upper surface: Red Group 53B.
      - Lower surface: Red Group 43C.
    - Base: Pointed.
    - Margin: Entire.
  - Shape:
    - Overall: Round-elliptical.
    - Apex: Round.
    - Base: Narrow.
  - Sepals:
    - Quantity per inflorescence: 5.
    - Color:
      - Upper surface: Green Group 143B.
      - Lower surface: Green Group 143B.
    - Shape:
      - Overall: Elliptical.
      - Apex: Pointed
      - Base: Blunt.

Margin: Entire.

Size: 1.3 cm x 0.3 cm.

Texture and appearance: Velvety.

Tonality from a distance: Rose-like impression of the flower buds.

Petaloids:

Quantity: 12-15.

Shape: Round; irregular.

Color: [Red Group 53B.]

Upper surface: 53B.

Lower surface: 43C.

Pedicle:

Length: 1.0-1.5 cm.

Color: Green Group 137C.

Peduncle:

Length: 7-9 cm.

Color: Green Group 141C.

Disease/pest resistance: No [unusual] susceptibility to diseases or pests has been noted to date.

Lasting quality: Long-lasting; early flowering; an individual bloom lasts for 3 weeks on the plant.

Natural flowering season: Summer, frost free period.

REPRODUCTIVE ORGANS

Stamens:

Anthers: 3 mm long.

Filaments:

Length: 0.5 cm maximum.

Color: Pink.

Pollen: Yellow; scant.

Pistils:

Number: [Five] One, five parted.

Length: 0.3-0.4 cm.

Stigma: Pink.

Style: 0.8 cm long.

Color: Greenish.

Ovaries: Superior; some pubescence; greenish; 0.4 cm long.

Fruit: Not present.

#### GENERAL CHARACTERISTICS

1. Very compact.
2. Very early flowering.
3. Rose bud type.
4. Ideal for small pots.
5. Stable flower color under sun.